

### Amendments To The Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

### Listing of Claims:

**A1** 1 1. (currently amended) A method for generating a personalized weather  
2 report, comprising the steps of:  
3 (a) establishing a user profile including a user defined location of interest;  
4 (b) providing a personalized internet web page address to a user;  
5 (c) generating a forecast of weather condition data ~~conditions~~ for an area  
6 including the location of interest;  
7 (d) generating a personalized weather forecast and weather report of forecast  
8 weather conditions at the location of interest automatically from the user profile and the  
9 forecast of weather condition data ~~conditions~~; and  
10 (e) providing the weather report so as to be accessible at the personalized  
11 Internet web page address.

1 2 (original) The method of Claim 1 wherein the step of establishing a user  
2 profile includes the step of providing a user profile set-up menu user interface.

1 3. (original) The method of Claim 1 wherein the step of establishing a user  
2 profile includes the step of establishing a user contact address.

1 4. (original) The method of Claim 3 wherein the step of providing the  
2 personalized internet web page address to a user includes the step of providing the  
3 personalized internet web page address to the user contact address.

1 5. (original) The method of Claim 4 wherein the user contact address is an e-  
2 mail address and wherein the step of providing the personalized internet web page

3 address to a user includes the step of providing the personalized internet web page  
4 address in an e-mail message provided to the e-mail address.

1 6. (original) The method of Claim 3 comprising additionally the step of  
2 providing the weather report to the user contact address.

1 7. (original) The method of Claim 6 wherein the user contact address is an e-  
2 mail address, the step of generating the weather report includes the step of generating a  
3 weather report e-mail message, and the step of providing the weather report to the user  
4 contact address includes the step of sending the weather report e-mail message to the user  
5 contact e-mail address.

1 8. (original) The method of Claim 7 wherein the step of generating the  
2 weather report e-mail message includes the step of providing a link to the personalized  
3 internet web page address in the weather report e-mail message.

1 9. (currently amended) The method of Claim 7 wherein the step of generating  
2 the weather report includes the step of generating a summary weather report e-mail  
3 message providing a less detailed report of forecast weather conditions than the  
4 personalized weather report of forecast weather conditions provided so as to be accessible  
5 at the personalized Internet web page address.

1 10. (currently amended) The method of Claim 1 wherein the step of generating  
2 a forecast of weather condition data ~~conditions~~ includes the step of running a weather  
3 forecast model to generate weather forecast model data for an area including the location  
4 of interest.

1 11. (currently amended) The method of Claim ~~11~~ 10 wherein the step of  
2 generating a personalized weather forecast of weather conditions includes the step of  
3 extrapolating weather conditions for the location of interest from the weather forecast  
4 model data.

1 12. (currently amended) A personalized weather report generating system,  
2 comprising:

3 (a) user profile generator means for generating a user profile including a user  
4 defined location of interest and a personalized internet web page address;

5 (b) means for providing the personalized internet web page address to a user;

6 (c) weather forecast model data generator means for generating weather  
7 forecast model data for an area including the location of interest;

8 (d) weather report generator means for generating a personalized weather  
9 forecast and a weather report of forecast weather conditions at the location of interest  
10 automatically from the user profile and the weather forecast model data and providing the  
11 weather report so as to be accessible at the personalized Internet web page address.

1 13. (original) The personalized weather report generating system of Claim 12  
2 wherein the user profile generator means, the weather forecast model data generator  
3 means, and the weather report generator means are implemented in at least one general  
4 purpose computer.

1 14. (original) The personalized weather report generating system of Claim 12  
2 wherein the user profile generator means includes means for generating a user profile set-  
3 up menu user interface and for providing the user profile set-up menu user interface to a  
4 user.

1 15. (original) The personalized weather report generating system of Claim 12  
2 wherein the means for providing the personalized internet web page address to a user  
3 includes means for providing the personalized internet web page address to a user contact  
4 address.

1 16. (original) The personalized weather report generating system of Claim 15  
2 wherein the user contact address is an e-mail address and the means for providing the  
3 personalized internet web page address to a user includes means for providing the

4 personalized internet web page address in an e-mail message provided to the e-mail  
5 address.

17. (original) The personalized weather report generating system of Claim 12  
comprising additionally means for providing the weather report to a user contact address.

18. (original) The personalized weather report generating system of Claim 17  
wherein the user contact address is an e-mail address and the means for providing the  
weather report to the user contact address includes means for generating a weather report  
e-mail message and means for providing the weather report e-mail message to the user  
contact e-mail address.

19. (original) The personalized weather report generating system of Claim 18  
wherein the means for generating the weather report e-mail message includes means for  
providing a link to the personalized internet web page address in the weather report e-  
mail message.

20. (currently amended) The personalized weather report generating system of  
Claim 18 wherein the weather report generator means includes means for generating a  
summary weather report e-mail message providing a less detailed report of forecast  
weather conditions than the personalized weather report of forecast weather conditions  
provided so as to be accessible at the personalized Internet web page address.

21. (original) A method of generating a personalized weather report;  
comprising the steps of:

- (a) establishing a user profile including a location of interest;
- (b) running a weather forecast model to generate weather forecast model data  
for an area including the area of interest;
- (c) constraining selected weather conditions in the weather forecast model data  
to within selected constraint limits to provide constrained weather forecast model data;  
and

9 (d) generating a weather report of forecast weather conditions at the location of  
10 interest automatically from the user profile and the constrained weather forecast model  
11 data.

1 22. (original) The method of Claim 21 wherein the step of establishing a user  
2 profile includes the step of providing a user profile set-up menu user interface.

1 23. (original) The method of Claim 21 comprising additionally the step of  
2 providing the weather report to a user.

1 24. (original) The method of Claim 23 wherein the step of establishing a user  
2 profile includes the step of establishing a user contact address and comprising  
3 additionally the step of providing the weather report to the user at the user contact  
4 address.

1 25. (original) The method of Claim 24 wherein the user contact address is an  
2 e-mail address, the step of generating the weather report includes the step of generating a  
3 weather report e-mail message, and the step of providing the weather report to the user  
4 contact address includes the step of sending the weather report e-mail message to the user  
5 contact e-mail address.

1 26. (original) The method of Claim 23 comprising additionally the step of  
2 providing a personalized internet web page address to a user and wherein the step of  
3 providing the weather report to the user includes the step of providing the weather report  
4 so as to be accessible at the personalized internet web page address.

1 27. (original) A personalized weather report generating system, comprising:

2 (a) user profile generator means for generating a user profile including a  
3 location of interest;

4 (b) weather forecast model data generator means for generating weather  
5 forecast model data for an area including the area of interest;

6 (c) constrainer means for constraining selected weather conditions in the  
7 weather forecast model data to within selected constraint limits to provide constrained  
8 weather forecast model data; and

9 (d) weather report generator means for generating a weather report of forecast  
10 weather conditions at the location of interest automatically from the user profile and the  
11 constrained weather forecast model data.

1 28. (original) The personalized weather report generating system of Claim 27  
2 wherein the user profile generator means, the weather forecast model data generator  
3 means, the constrainer means, and the weather report generator means are implemented  
4 in at least one general purpose computer.

1 29. (original) The personalized weather report generating system of Claim 28  
2 wherein the constrainer means includes a user input device for entering the selected  
3 constraint limits into the general purpose computer.

1 30. (original) The personalized weather report generating system of Claim 27  
2 wherein the user profile generator means includes means for generating a user profile set-  
3 up menu user interface and means for providing the user profile set-up menu user  
4 interface to a user.

1 31. (original) The personalized weather report generating system of Claim 27  
2 comprising additionally means for providing the weather report to a user.

1 32. (original) The personalized weather report generating system of Claim 31  
2 wherein the means for providing the weather report to a user includes means for  
3 providing the weather report to the user at a user contact address.

1 33. (original) The personalized weather report generating system of Claim 32  
2 wherein the user contact address in an e-mail address and the means for providing the  
3 weather report to the user at the user contact address includes means for generating a

4 weather report e-mail message and means for providing the weather report e-mail  
5 message to the user contact e-mail address.

1 34. (original) The personalized weather report generating system of Claim 31  
2 comprising additionally means for providing a personalized internet web page address to  
3 a user and wherein the means for providing the weather report to the user includes means  
4 for providing the weather report so as to be accessible at the personalized internet web  
5 page address.

1 35. (currently amended) A method of generating a personalized weather report,  
2 comprising the steps of:

3 (a) establishing a plurality of user profiles wherein each user profile includes a  
4 location of interest located within a first ~~limited~~ geographic area or within a second  
5 geographic area ~~wider than~~ different from the first ~~limited~~ geographic area;

6 (b) running a weather forecast model to generate weather forecast model data  
7 of a first higher resolution for the first ~~limited~~ geographic area and to generate weather  
8 forecast model data of a second lower resolution for the second ~~wider~~ geographic area;  
9 and

10 (c) generating a weather report of forecast weather conditions at each user  
11 profile location of interest automatically from the user profile and the weather forecast  
12 model data of a first higher resolution for locations of interest located within the first  
13 ~~limited~~ geographic area and from the user profile and weather forecast model data of the  
14 second lower resolution for locations of interest located within the second ~~wider~~  
15 geographic area.

1 36. (currently amended) The method of Claim 35 wherein the step of  
2 generating a weather report of forecast weather conditions at each user profile location of  
3 interest includes the steps of determining whether a user profile location of interest is  
4 located within the first ~~limited~~ geographic area, generating a weather report of forecast  
5 weather conditions at the user profile location of interest from the user profile and the

Alt 6 weather forecast model data of a first higher resolution if the user profile location of  
7 interest is determined to be located within the first ~~limited~~ geographic area, otherwise  
8 generating a weather report of forecast weather conditions at the user profile location of  
9 interest from the user profile and the weather forecast model data of a second lower  
10 resolution.

1 37. (original) The method of Claim 35 comprising additionally the step of  
2 providing the weather report to a user.

1 38. (original) The method of Claim 37 wherein the step of establishing a user  
2 profile includes the step of establishing a user contact address and comprising  
3 additionally the step of providing the weather report to the user at the user contact  
4 address.

1 39. (original) The method of Claim 38 wherein the user contact address is an  
2 e-mail address, the step of generating the weather report includes the step of generating a  
3 weather report e-mail message, and the step of providing the weather report to the user  
4 contact address includes the step of sending the weather report e-mail message to the user  
5 contact e-mail address.

1 40. (original) The method of Claim 37 comprising additionally the step of  
2 providing a personalized internet web page address to a user and wherein the step of  
3 providing the weather report to the user includes the step of providing the weather report  
4 so as to be accessible at the personalized internet web page address.

1 41. (currently amended) A personalized weather report generating system,  
2 comprising:

3 (a) user profile generator means for generating a plurality of user profiles  
4 wherein each user profile includes a location of interest located within a first ~~limited~~  
5 geographic area or within a second geographic area ~~wider than~~ different from the first  
6 ~~limited~~ geographic area;



7 (b) a weather forecast model data generator means for generating weather  
8 forecast model data of a first higher resolution for the first ~~limited~~ geographic area and  
9 for generating weather forecast model data of a second lower resolution for the second  
10 ~~wider~~ geographic area; and

11 (c) a weather report generator means for generating a weather report of forecast  
12 weather conditions at each user profile location of interest automatically from the user  
13 profile and the weather forecast model data of a first higher resolution for locations of  
14 interest located within the first ~~limited~~ geographic area and from the user profile and  
15 weather forecast model data of the second lower resolution for locations of interest  
16 located within the second ~~wider~~ geographic area.

1 42. (currently amended) The personalized weather report generating system of  
2 Claim 41 wherein the weather report generator means includes means for determining  
3 whether a user profile location of interest is located within the first ~~limited~~ geographic  
4 area, means for generating a weather report of forecast weather conditions at the user  
5 profile location of interest from the user profile and the weather forecast model data of a  
6 first higher resolution if the user profile location of interest is determined to be located  
7 within the first ~~limited~~ geographic area, and means for otherwise generating a weather  
8 report of forecast weather conditions at the user profile location of interest from the user  
9 profile and the weather forecast model data of a second lower resolution

1 43. (original) The personalized weather report generating system of Claim 41  
2 wherein the user profile generator means, the weather forecast model data generator  
3 means, and the weather report generator means are implemented in at least one general  
4 purpose computer.

1 44. (original) The personalized weather report generating system of Claim 41  
2 comprising additionally means for providing the weather report to a user.

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45. (original) The personalized weather report generating system of Claim 44 wherein the means for providing the weather report to a user includes means for providing the weather report to the user at a user contact address.

46. (original) The personalized weather report generating system of Claim 45 wherein the user contact address is an e-mail address and the means for providing the weather report to the user at the user contact address includes means for generating a weather report e-mail message and means for providing the weather report e-mail message to the user contact e-mail address.

47. (original) The personalized weather report generating system of Claim 44 comprising additionally means for providing a personalized internet web page address to a user and wherein the means for providing the weather report to the user includes means for providing the weather report so as to be accessible at the personalized internet web page address.

48. (currently amended) A method of generating a personalized weather report, comprising the steps of:

(a) establishing a user profile including a user defined location of interest;

(b) generating a forecast of weather condition data ~~conditions~~ for an area including the location of interest; and

(c) generating a personalized weather forecast and weather report of forecast weather conditions at the location of interest automatically from the user profile and the forecast of weather condition data ~~conditions~~, wherein the weather report of forecast weather conditions includes a tabular representation of a plurality of forecast weather conditions for ~~a plurality of time periods~~ at least each hour throughout a day, and wherein at least one notable forecast weather condition in the tabular representation ~~of a plurality~~ of forecast weather conditions is highlighted.

49. (cancelled)

1 50. (currently amended) The method of Claim 48 wherein the step of  
2 generating a personalized weather forecast and weather report of forecast weather  
3 conditions includes the step of generating a tabular representation of a plurality of  
4 forecast weather conditions for ~~a plurality of time periods~~ at least each hour throughout a  
5 day, and wherein selected ones of the plurality of forecast weather conditions are  
6 presented in graphical form in the tabular representation.

1 51. (original) The method of Claim 48 wherein the at least one notable forecast  
2 weather condition is a daily high temperature condition.

1 52. (original) The method of Claim 48 wherein the at least one notable forecast  
2 weather condition is a daily low temperature condition.

1 53. (currently amended) The method of Claim 48 wherein the at least one  
2 notable forecast weather condition in the tabular representation ~~of a plurality~~ of forecast  
3 weather conditions is highlighted by color.

1 54. (currently amended) The method of Claim 48 wherein the at least one  
2 notable forecast weather condition in the tabular representation ~~of a plurality~~ of forecast  
3 weather conditions is highlighted by size.

1 55. (original) The method of Claim 48 comprising additionally the step of  
2 providing the weather report to a user.

1 56. (original) The method of Claim 55 comprising additionally the step of  
2 providing a personalized internet web page address to a user and wherein the step of  
3 providing the weather report to the user includes the step of providing the weather report  
4 so as to be accessible at the personalized internet web page address.

1 57. (currently amended) The method of Claim 48 wherein the step of  
2 generating a forecast of weather condition data ~~conditions~~ includes the step of running a

AI Unit  
3 weather forecast model to generate weather forecast model data for an area including the  
4 location of interest.

1 58. (currently amended) A personalized weather report generating system,  
2 comprising:

3 (a) user profile generator means for generating a user profile including a user  
4 defined location of interest;

5 (b) a weather forecast model data generator means for generating weather  
6 forecast model data for an area including the area of interest; and

7 (c) a weather report generator means for generating a personalized weather  
8 forecast and weather report of forecast weather conditions at the location of interest  
9 automatically from the user profile and the weather forecast model data, wherein the  
10 weather report of forecast weather conditions includes a tabular representation of a  
11 plurality of forecast weather conditions for ~~a plurality of time periods~~ at least each hour  
12 throughout a day, and wherein at least one notable forecast weather condition in the  
13 tabular representation ~~of a plurality~~ of forecast weather conditions is highlighted.

1 59. (original) The personalized weather report generating system of Claim 58  
2 wherein the user profile generator means, the weather forecast model data generator  
3 means, and the weather report generator means are implemented in at least one general  
4 purpose computer.

1 60. (cancelled)

1 61. (currently amended) The personalized weather report generating system of  
2 Claim 58 wherein the weather report generator means for generating a personalized  
3 weather forecast and weather report of forecast weather conditions includes means for  
4 generating a tabular representation of a plurality of forecast weather conditions for a  
5 ~~plurality of time periods~~ at least each hour throughout a day, and wherein selected ones of  
6 the plurality of forecast weather conditions are presented in graphical form in the tabular  
7 representation.

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1           62.   (original) The personalized weather report generating system of Claim 58  
2 wherein the at least one notable forecast weather condition is a daily high temperature  
3 condition.

1           63.   (original) The personalized weather report generating system of Claim 58  
2 wherein the at least one notable forecast weather condition is a daily low temperature.

1           64.   (currently amended) The personalized weather report generating system of  
2 Claim 58 wherein the at least one notable forecast weather condition in the tabular  
3 representation ~~of a plurality~~ of forecast weather conditions is highlighted by color.

1           65.   (currently amended) The personalized weather report generating system of  
2 Claim 58 wherein the at least one notable forecast weather condition in the tabular  
3 representation ~~of a plurality~~ of forecast weather conditions is highlighted by size.

1           66.   (original) The personalized weather report generating system of Claim 58  
2 comprising additionally means for providing the weather report to a user.

1           67.   (original) The personalized weather report generating system of Claim 66  
2 comprising additionally means for providing a personalized internet web page address to  
3 a user and wherein the means for providing the weather report to the user includes means  
4 for providing the weather report so as to be accessible at the personalized internet web  
5 page address.

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